

Complete fixture consists of Reflector Trim & Frame-In Kit. Select each separately

Reflector Trim		Frame-In Kit		Lamp
<b>304BAX</b>	Specular Black Specular and White Flange	<b>Remodeler</b>	<b>300MRX</b>	50W MR16
<b>304CLX</b>	Specular Clear Specular and White Flange	<b>Remodeler</b>	<b>3401MREX</b>	50W MR16
<b>304GDX</b>	Specular Gold Specular and White Flange	<b>Remodeler</b>	<b>300ESX</b>	50W ES/ESD16 (GZ10)
<b>304CCDX</b>	Clear Diffuse Cone and White Flange	<b>Non-IC</b>	<b>302MRX</b>	50W MR16
<b>304GRPX</b>	Graphite Anodized and Self-Flange	<b>Non-IC</b>	<b>302MREX</b>	50W MR16
<b>304RWPX</b>	Rosewood Anodized and Self-Flange	<b>Non-IC</b>	<b>302ESX</b>	50W ES/ESD16 (GZ10)
<b>304SLPX</b>	Steel Anodized and Self-Flange	<b>IC</b>	<b>302MRIC7X*</b>	50W MR16
		<b>IC</b>	<b>302MRIC9X</b>	50W MR16
		<b>IC</b>	<b>302ESICX</b>	50W ES/ESD16 (GZ10)
		<b>Air Seal / IC</b>	<b>302MRAICX</b>	50W MR16
		<b>Air Seal / IC</b>	<b>302ESAICX</b>	50W ES/ESD16 (GZ10)

## Features

- Housing:** 25ga. galvanized steel.
- Residence Mounting Clip:** Factory-installed ; zinc plated spring steel; free-hand installation. (patent # 2,184, 149)
- Flange Housing:** Cold rolled steel 22ga. White trim flange.
- Aperture Cone:** 18ga. hydroformed aluminum. Specular finish.
- Adjustable Lampholder Support:** 27ga. steel ; Rotates 358° horizontally and 0° to 35° vertically.
- Mounting Clips (2):** 24ga. spring steel, zinc plated. Provide easy snap-in / snap-out action.
- Lamp Guard:** 2" (51mm) dia. borosilicate glass.

## Frame-In Kit

**Note:** For complete Frame-In Kit specifications, see 300 frame specification sheets.

## Accessories

### Square Face Plate

**300SQWH** White

**300SQBK** Black

\* Self-Flanged trims 37W Max.

## Labels:

CSA, UL (Suitable for damp locations.)

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

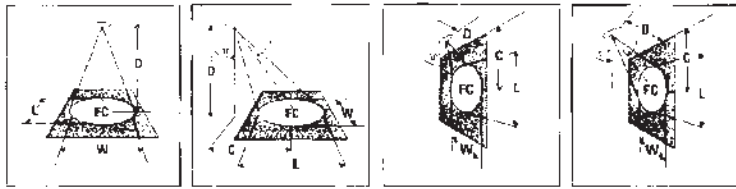
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710























We reserve the right to change details of design, materials and finish.

www.lightolier.com © 2008 Philips Group • C0708

FFC is focal front radius at center of beam.  
Beam length (L) and beam width (W) are to center of the candlepower is reduced to 50% of center beam candlepower.  
CBCP is center beam candlepower.  
(C) is distance to the center of the beam.

Lamp data shown is typical and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



Lamp	Beam Spread @ 90% CBCP	CBCP	Focal Length (L)	0° AIMING ANGLE				30° AIMING ANGLE				30° AIMING ANGLE				45° AIMING ANGLE						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
MR-16 LOW VOLTAGE HALOGEN BI-PIN LAMPS																						
20W MR-16 (VNSP, EXX)		8200	3000	7	107	0.9	0.7	5	125	146	1.3	0.8	7	155	254	1.0	0.5	4	4.0	161	1.0	0.7
				10	42	1.2	1.2	8	59	88	1.5	1.3	3	52	114	1.5	1.3	5	5.0	81	1.5	1.0
				16	26	2.0	2.0	10	29	37	2.3	2.1	4	26	94	2.0	1.0	9	8.0	45	2.0	1.4
20W MR-16 (NSP, EXX)		3800	3000	6	100	1.4	1.4	5	2.9	91	1.5	1.3	7	3.5	112	1.8	0.9	3	2.0	141	1.4	1.0
				8	56	1.6	1.6	7	4.0	48	2.1	1.8	5	5.2	104	2.0	1.0	5	5.0	81	1.5	1.0
				10	26	2.3	2.3	9	5.2	29	2.1	2.0	4	6.0	38	1.8	1.0	7	7.0	26	3.7	2.3
20W MR-16 (FL, AB)		525	4000	12	25	2.7	2.7	11	6.4	13	3.4	2.9	5	8.0	28	1.8	1.0	9	9.0	16	4.2	2.9
				2	131	1.5	1.5	2	1.2	85	2.0	1.7	1	1.5	66	4.6	1.5	2	3.0	46	1.4	1.1
				3	58	2.7	2.7	3	1.7	38	3.0	2.5	2	3.5	16	5.7	2.8	3	3.0	7	5.0	7
20W MR-16 (NSP, EXX)		3900	3000	4	53	2.3	2.3	4	2.8	71	4.1	3.4	3	3.5	7	3.5	4.4	4	4.0	12	6.7	4.1
				5	21	3.5	3.0	5	2.9	14	5.1	4.2	4	6.9	4	19.5	5.8	5	5.0	7	8.4	5.1
				7	128	1.2	1.2	6	3.5	157	1.7	1.5	2	3.5	272	1.7	0.8	4	4.0	152	1.7	1.2
20W MR-16 (NSP, EXX)		3900	3000	10	57	2.1	2.1	8	5.2	70	2.5	2.2	3	5.2	121	2.6	1.3	6	6.0	85	2.6	1.8
				15	34	2.4	2.7	12	5.5	39	3.4	2.3	4	6.9	61	3.3	1.1	8	8.0	48	3.4	2.4
				16	24	2.4	2.6	15	8.7	25	4.7	3.5	5	6.7	44	4.3	1.1	10	10.0	31	4.3	3.0
20W MR-16 (SP, EXX)		3900	4000	6	108	2.1	2.1	5	2.8	101	2.4	2.3	2	3.5	122	3.2	1.5	3	3.0	153	2.7	1.5
				8	61	2.5	2.5	7	4.4	52	3.8	3.2	3	5.2	54	4.3	2.1	5	5.0	54	2.6	2.5
				10	33	3.5	3.0	9	5.7	31	4.3	3.7	4	6.3	30	6.3	2.8	7	7.0	38	5.1	3.5
20W MR-16 (FL, EXX)		1800	4000	12	27	4.2	4.2	11	6.4	21	5.7	4.5	5	8.7	20	7.8	3.5	9	9.0	17	6.6	4.5
				4	100	2.9	2.9	3	3.5	115	3.0	2.5	1	3.2	260	3.8	1.5	3	3.0	63	5.0	3.7
				6	44	4.4	4.4	5	2.8	42	5.1	4.2	2	3.5	50	9.7	2.9	4	4.0	35	6.7	4.1
20W MR-16 (FL, EXX)		1800	4000	8	25	5.8	5.8	7	4.1	21	7.1	5.8	3	5.2	22	14.5	4.4	5	5.0	21	8.8	6.1
				10	16	7.3	7.3	9	5.2	13	9.1	7.6	4	6.9	13	19.3	5.8	6	6.0	16	10.1	7.2
				6	180	1.4	1.4	7	4.0	152	1.6	1.4	1	3.2	163	2.1	1.0	5	5.0	163	1.8	1.7
20W MR-16 (IR, NSP)		11500	6000	12	80	2.1	2.1	12	5.5	75	2.8	2.4	5	6.9	90	2.8	1.5	7	7.0	82	2.6	1.7
				16	45	2.8	2.8	13	7.5	44	4.0	3.8	5	3.7	58	3.6	1.7	9	9.0	59	3.2	2.2
				20	29	3.5	3.5	10	5.2	29	3.7	3.2	5	10.4	40	4.1	2.1	11	11.0	34	3.3	2.2
20W MR-16 (R, EXX)		3500	4000	6	97	2.7	2.7	5	2.9	91	3.0	2.6	2	3.5	100	4.2	1.8	3	3.0	137	2.8	1.8
				8	55	3.5	3.5	7	4.0	46	4.7	3.8	3	5.2	41	6.2	2.7	5	5.0	48	4.7	3.1
				10	35	4.4	4.4	9	5.2	28	5.4	4.6	4	5.9	27	8.3	3.5	7	7.0	25	6.5	4.4
20W MR-16 (IR, EXX)		4950	4000	12	24	6.3	5.0	11	6.4	13	6.8	5.6	5	8.7	18	13.4	4.4	9	9.0	13	8.4	5.6
				4	128	2.8	2.8	3	3.5	148	2.8	2.5	1	3.2	258	4.6	1.5	3	3.0	61	5.0	3.7
				6	57	4.4	4.4	5	2.8	52	5.1	4.2	2	3.5	64	9.7	2.9	4	4.0	45	6.7	4.1
20W MR-16 (IR, EXX)		4950	4000	8	37	5.8	5.8	7	4.0	27	7.1	5.8	3	5.2	28	14.5	4.4	5	5.0	25	8.4	5.1
				10	21	7.3	7.3	9	5.2	13	9.1	7.6	4	6.9	13	19.3	5.8	6	6.0	16	10.1	7.2
				6	205	1.3	1.3	7	4.0	174	1.5	1.3	3	3.2	182	1.9	0.3	5	5.0	185	1.6	1.1
42W MR-16 (VNSP, EXX)		13,300	2500	12	91	1.9	1.9	10	5.8	85	2.4	2.1	4	6.9	107	2.5	1.3	7	7.0	97	2.2	1.5
				16	51	2.5	2.5	13	7.5	56	3.0	2.4	5	6.7	66	3.7	1.5	9	9.0	57	2.8	2.1
				20	33	3.1	3.1	16	9.7	33	3.4	2.9	6	10.4	45	3.8	1.3	11	11.0	36	3.5	2.4
42W MR-16 (VNSP, EXX)		2400	4000	4	152	1.0	1.0	3	3.5	173	2.0	1.7	1	3.2	300	2.2	1.0	3	3.0	44	3.1	2.7
				6	67	2.3	2.3	5	2.8	62	3.3	2.8	2	3.5	64	4.3	1.7	4	4.0	53	4.1	2.7
				8	38	3.8	3.8	7	4.0	32	4.6	3.9	3	5.2	33	7.0	2.9	5	5.0	34	5.1	3.4
50W MR-16 (NSP, EXX)		10,300	4000	10	24	4.9	4.8	9	5.2	15	5.8	5.0	4	6.3	19	6.3	3.1	6	6.0	24	6.1	4.1
				5	155	2.7	2.7	7	4.0	135	2.3	2.0	3	3.2	142	3.1	1.5	5	5.0	144	2.5	1.3
				12	71	2.8	2.8	10	5.8	96	3.3	2.8	4	6.9	80	4.1	2.0	7	7.0	74	3.5	2.4
50W MR-16 (NSP, EXX)		10,300	4000	16	40	3.8	3.8	13	7.5	79	4.3	3.7	5	6.7	51	5.1	2.5	9	9.0	45	4.5	3.1
				20	25	4.5	4.5	15	9.2	28	5.3	4.5	6	10.4	35	6.2	2.8	11	11.0	30	5.5	3.7
				6	94	2.5	2.5	5	2.8	88	3.3	2.8	2	3.5	106	4.6	1.9	3	3.0	134	3.1	2.5
50W MR-16 (NSP, EXX)		7400	4000	8	54	3.8	3.8	7	4.0	45	4.6	3.9	3	5.2	47	7.0	2.9	5	5.0	48	5.1	3.4
				12	34	5.6	4.6	9	5.2	27	5.1	4.2	4	6.3	22	8.3	3.6	7	7.0	25	7.1	4.8
				16	24	5.8	5.8	11	6.4	18	7.2	6.1	5	8.7	17	11.6	4.8	9	9.0	15	9.2	6.1
50W MR-16 (FL, EXX)		1800	4000	4	115	2.9	2.9	3	3.5	134	3.2	2.6	1	3.2	231	3.8	1.5	3	3.0	77	5.0	3.1
				6	51	4.4	4.4	5	2.8	48	5.1	4.2	2	3.5	58	9.7	2.9	4	4.0	41	6.7	4.1
				8	26	5.8	5.8	7	4.0	25	7.1	5.8	3	5.2	26	14.5	4.4	5	5.0	26	8.4	5.1
50W MR-16 (FL, EXX)		1800	4000	10	15	7.3	7.3	9	5.2	15	9.1	7.6	4	6.9	14	19.3	5.8	6	6.0	18	10.1	7.2
				3	128	3.1	3.1	3	3.5	83	4.6	3.6	1	3.2	144	7.3	2.1	2	3.0	102	5.7	2.9
				5	46	5.2	5.2	5	2.9	30	7.6	6.0	2	3.5	36	14.5	4.2	3	3.0	45	8.6	4.4
50W MR-16 (VNSP, EXX)		1150	4000	7	40	4.5	4.3	7	4.0	15	10.1	8.1	4	6.3	15	16.5	6.2	4	4.0	25	11.4	5.9
				9	14	9.4	9.4	9	5.2	9	13.7	10.6	4	6.3	9	16.5	6.2	5	5.0	16	14.3	7.4
				6	216	1.4	1.4	7	4.0	136	1.6	1.4	3	3.2	144	2.1	1.3	5	5.0	138	1.8	1.7
75W MR-16 (SP)		14000	4000	12	97	2.1	2.1	10	5.8	51	2.8	2.0	5	6.9	90	2.8	1.5	7	7.0	82	2.6	1.7
				16	55	2.8	2.8	12	7.5	54	3.0	2.6	5	6.7	70	3.6	1.7	9	9.0	61	3.2	2.2
				20	35	3.5	3.5	16	9.2	26	3.7	3.2	6	10.4	49	4.1	2.1	11	11.0	41	3.8	2.2
75W MR-16 (FL)		2500	4000	4	156	2.7	2.7	3	3.7	150	2.7	2.3	1	3.2	313	3.8	1.5	3	3.0	93	4.4	2.7
				6	99	2.6	2.6	5	2.8	85	4.5	3.8	2	3.5	78	7.5	2.8	4	4.0	55	5.9	3.4
				8	59	2.8	2.8	7	4.0	53	3.3	3.3	3	5.2	43	9.3	3.3	5	5.0	26	7.3	4.3
75W MR-16 (NSP, EXX)																						